

## **In the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

1.(Currently amended) A wireless communication device, comprising:

a shielding unit;

a first antenna unit transmitting a first signal between a first time and a second time; and

a second antenna unit separated from the first antenna unit by the shielding unit, transmitting a second signal between a third time and a fourth time, wherein the shielding unit is located between the first antenna unit and the second antenna unit, and the third time or the fourth time occurs between the first time and the second time to form a predetermined interval in which the first signal and the second signal are simultaneously transmitted.

2.(Original) The wireless communication device as claimed in claim 1, wherein the first antenna unit is provided with a first parameter with respect to the shielding unit and the second antenna unit is provided with a second parameter with respect to the shielding unit, such that the first antenna unit generates first energy by adjusting the first parameter and the second antenna unit generates second energy by adjusting the second parameter and the first energy is substantially equivalent to the second energy.

3.(Original) The wireless communication device as claimed in claim 1 further comprising a first ground plane connected to the first antenna unit with respect to the shielding unit, a second ground plane connected to the second antenna unit with respect to the shielding unit and a far-field position used as an observation point to observe a first reflecting effect formed by the first signal reflected by the first ground plane and a second reflecting effect formed by the second signal reflected by the second ground plane and equivalent to the first reflecting effect.

4.(Original) The wireless communication device as claimed in claim 1, wherein the first antenna unit and the second antenna unit are dipole antennas.

5.(Original) The wireless communication device as claimed in claim 1, wherein the first antenna unit is a 2.4GHz internal dipole antenna and the second antenna unit is a 5GHz internal dipole antenna.

6.(Original) The wireless communication device as claimed in claim 1 further comprising a first ground plane connected to the first antenna unit, a second ground plane connected to the second antenna unit, wherein the first antenna unit is provided with a first transmission loss and the second antenna unit is provided with a second transmission loss, and difference between the first transmission loss and the second transmission loss is compensated by the first ground plane and the second ground plane.

7.(Original) The wireless communication device as claimed in claim 1, wherein the first antenna unit is a 2.4GHz internal dipole antenna and the second antenna unit is a 5GHz internal dipole antenna, and a second equivalent gain of the second antenna unit is approximately equal to 1.77dBi when a first equivalent gain of the first antenna unit is approximately equal to 0.55dBi.

8. (Currently amended) A wireless communication device, comprising:  
a shielding unit;  
a first antenna unit transmitting a first signal;  
a second antenna unit separated from the first antenna unit by the shielding unit,  
transmitting a second signal, wherein the first signal and the second signal are  
simultaneously transmitted, wherein the shielding unit is located between the first  
antenna unit and the second antenna unit; and  
a control unit electronically connected to the first antenna unit and the second  
antenna unit, modulating and demodulating the first signal and the second signal.

9.(Original) The wireless communication device as claimed in claim 8, wherein the first antenna unit is provided with a first parameter with respect to the shielding unit and the second antenna unit is provided with a second parameter with respect to the shielding unit, such that the first antenna unit generates first energy by adjusting the first parameter and the second antenna unit generates second energy by adjusting the second parameter and the first energy is substantially equivalent to the second energy.

10.(Original) The wireless communication device as claimed in claim 8 further comprising a first ground plane connected to the first antenna unit with respect to the shielding unit and a second ground plane connected to the second antenna unit with respect to the shielding unit, wherein the first antenna unit is provided with a first transmission loss and the second antenna unit is provided with a second transmission loss, and a difference between the first transmission loss and the second transmission loss is compensated by the first ground plane and the second ground plane.

11.(Original) The wireless communication device as claimed in claim 8, wherein the first antenna unit and the second antenna unit are dipole antennas.

12.(Original) The wireless communication device as claimed in claim 8, wherein the first antenna unit is a 2.4GHz internal dipole antenna and the second antenna unit is a 5GHz internal dipole antenna.

13.(Original) The wireless communication device as claimed in claim 8 further comprising a first ground plane connected to the first antenna unit, a second ground plane connected to the second antenna unit, wherein the first antenna unit is provided with a first transmission loss and the second antenna unit is provided with a second transmission loss, and a difference between the first transmission loss and the second transmission loss is compensated by the first ground plane and the second ground plane.

14.(Original) The wireless communication device as claimed in claim 8, wherein the first antenna unit is a 2.4GHz internal dipole antenna and the second antenna unit is a 5GHz internal dipole antenna, and a second equivalent gain of the second antenna unit is approximately equal to 1.77dBi when a first equivalent gain of the first antenna unit is approximately equal to 0.55dBi.

15.(New) The wireless communication device as claimed in claim 1, wherein the first and second ground planes are formed in L-shapes, and the area of the first ground plane is unequal to that of the second ground plane.

16.(New) The wireless communication device as claimed in claim 8, wherein the first and second ground planes are formed in L-shapes, and the area of the first ground plane is unequal to that of the second ground plane.

17.(New) A wireless communication device, comprising:

- a shielding unit comprising an extruded portion, a first L-shaped ground plane formed on the extruded portion and a second L-shaped ground plane formed on the extruded portion;
- a first antenna unit transmitting a first signal between a first time and a second time, connected to the first L-shaped first ground plane; and
- a second antenna unit separated from the first antenna unit by the shielding unit and connected to the second L-shaped ground plane, transmitting a second signal between a third time and a fourth time, wherein the shielding unit is located between the

first antenna unit and the second antenna unit, and the third time or the fourth time occurs between the first time and the second time to form a predetermined interval in which the first signal and the second signal are simultaneously transmitted.

18.(New) The wireless communication device as claimed in claim 17, wherein the first and second L-shaped ground planes are in opposite.

19.(New) The wireless communication device as claimed in claim 17, wherein the area of the first L-shaped ground plane is unequal to that of the second L-shaped ground plane.

20.(New) The wireless communication device as claimed in claim 17, wherein the ratio of gain between the first antenna unit and the second antenna unit is a constant by adjusting the ratio of area between the first ground plane and the second ground plane.